

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1 | 2534 | ((((156/230-240).CCLS.) and "sol-gel") and (por\$ or micropor\$) | USPAT | OR | ON | 2003/06/25 14:25 |
| | | ((427/128 or 427/129).CCLS.) and transfer\$ | USPAT | OR | OFF | 2003/06/24 16:12 |
| | | (428/611 or 428/687 or 428/64.2 or 428/145 or 428/325 or 428/410 or 428/429 or 428/694SG) and ("Si" or Sol or gel) | USPAT | OR | OFF | 2005/06/13 20:21 |
| L2 | 961 | I1 and (Sol or gel) | USPAT | OR | OFF | 2005/06/13 20:21 |
| L3 | 288 | I2 and (Sol same gel) | USPAT | OR | OFF | 2005/06/13 20:22 |
| L4 | 2679 | (428/611 or 428/687 or 428/64.2 or 428/145 or 428/325 or 428/410 or 428/429 or 428/694SG) and ("Si" or Sol or gel) | USPAT; US-PGPUB | OR | OFF | 2005/06/13 20:22 |
| L5 | 288 | I4 and (Sol same gel) | USPAT | OR | OFF | 2005/06/13 20:22 |
| L6 | 311 | I4 and (Sol same gel) | USPAT; US-PGPUB | OR | OFF | 2005/06/13 20:27 |
| L7 | 155 | I6 and particle | USPAT | OR | OFF | 2005/06/13 20:23 |
| L8 | 10 | I7 and ("SiO") | USPAT | OR | OFF | 2005/06/13 20:24 |
| L9 | 79 | 428/331 and ("SiO") | USPAT | OR | ON | 2005/06/13 20:27 |
| L10 | 6 | I9 and (Sol same gel) | USPAT; US-PGPUB | OR | OFF | 2005/06/13 20:28 |
| S1 | 305952 | (427/\$or156/\$or428/\$or360/\$or369/\$).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 15:12 |
| S2 | 9 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and spin and magnetic and "sol-gel" and (stamp or stamper) | USPAT | OR | OFF | 2003/06/22 20:58 |
| S3 | 19 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and "sol-gel" and transferr\$ and stamp\$ | USPAT | OR | OFF | 2003/06/22 21:00 |
| S4 | 16 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and "sol-gel" and transferr\$ and stamp\$) not (((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and spin and magnetic and "sol-gel" and (stamp or stamper)) | USPAT | OR | OFF | 2003/06/22 21:11 |
| S5 | 148 | (156/232).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/22 21:12 |
| S6 | 3 | ((156/232).CCLS.) and "Si" | USPAT | OR | OFF | 2003/06/22 21:12 |
| S7 | 14 | ((156/232).CCLS.) and ("Si" or Sol or gel) | USPAT | OR | OFF | 2003/06/23 15:49 |
| S8 | 148 | (156/232).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:41 |

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|-----|--------|--|-----------------|----|-----|------------------|
| S9 | 134 | ((156/232).CCLS.) not (((156/232).CCLS.) and ("Si" or Sol or gel)) | USPAT | OR | OFF | 2003/06/24 18:19 |
| S10 | 90675 | ("264").CLAS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:31 |
| S11 | 10497 | ((("264"/\$).CCLS.) and transfer | USPAT | OR | OFF | 2003/06/24 11:36 |
| S12 | 191 | (264/621).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:36 |
| S13 | 17 | ((("264"/\$).CCLS.) and transfer) and ((264/621).CCLS.) | USPAT | OR | OFF | 2003/06/24 11:40 |
| S14 | 148 | (156/232).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:42 |
| S15 | 615 | (156/235).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:43 |
| S16 | 814 | (156/240).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:43 |
| S17 | 789 | (156/249).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 11:44 |
| S18 | 1896 | ((156/249).CCLS.) or ((156/240).CCLS.) or ((156/235).CCLS.) | USPAT | OR | OFF | 2003/06/24 11:45 |
| S19 | 40 | ((156/249).CCLS.) or ((156/240).CCLS.) or ((156/235).CCLS.) and spin | USPAT | OR | OFF | 2003/06/24 11:59 |
| S20 | 1994 | ((156/249).CCLS.) or ((156/240).CCLS.) or ((156/235).CCLS.) or ((156/232).CCLS.) | USPAT | OR | OFF | 2003/06/24 11:59 |
| S21 | 9 | ((156/249).CCLS.) or ((156/240).CCLS.) or ((156/235).CCLS.) or ((156/232).CCLS.) and ("sol gel") | USPAT | OR | OFF | 2003/06/24 12:16 |
| S22 | 2321 | (156/189or156/230or156/247).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 12:16 |
| S23 | 59 | ((156/189 or "156"/ "230" or 156/247).CCLS.) and spin | USPAT | OR | OFF | 2003/06/24 12:17 |
| S24 | 306186 | (427/\$or156/\$or428/\$or360/\$or369/\$).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 15:40 |
| S25 | 7 | "6117284" | USPAT | OR | OFF | 2003/06/24 15:42 |
| S26 | 1 | "6524418" | USPAT | OR | OFF | 2003/06/24 16:07 |
| S27 | 1592 | (427/128or427/129).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 16:09 |
| S28 | 2 | ((427/128 or 427/129).CCLS.) and "negative pattern" | USPAT | OR | OFF | 2003/06/24 16:11 |
| S29 | 23 | ((427/128 or 427/129).CCLS.) and transfer\$) and recess\$ | USPAT | OR | OFF | 2003/06/24 16:13 |
| S30 | 134 | ((156/232).CCLS.) not (((156/232).CCLS.) and ("Si" or Sol or gel)) | USPAT | OR | OFF | 2003/06/24 18:20 |
| S31 | 148 | (156/232).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 18:21 |

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| S32 | 11 | ((156/232).CCLS.) and (sol or gel) | USPAT | OR | OFF | 2003/06/24 18:21 |
| S33 | 2955 | (156/230-240).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/24 23:22 |
| S34 | 18 | ((156/230-240).CCLS.) and "sol-gel" | USPAT | OR | OFF | 2003/06/25 13:16 |
| S35 | 18 | ((156/230-240).CCLS.) and "sol-gel" | USPAT | OR | ON | 2003/06/25 13:17 |
| S36 | 1 | (428/694mp).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/25 14:27 |
| S37 | 4044 | (428/694\$).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/25 14:27 |
| S38 | 0 | ((428/694\$).CCLS.) and (microporous same "sol gel") | USPAT | OR | OFF | 2003/06/25 14:28 |
| S39 | 11 | ((428/694\$).CCLS.) and (microporous) | USPAT | OR | OFF | 2003/06/25 14:28 |
| S40 | 0 | "mold releas\$" and emulsion and rheology | USPAT | OR | ON | 2003/06/30 14:43 |
| S41 | 0 | "mold releas\$" and emulsion | USPAT | OR | ON | 2003/06/30 14:44 |
| S42 | 8 | "mold releas\$" | USPAT | OR | ON | 2003/06/30 14:44 |
| S43 | 49 | "releas\$" and emulsion | USPAT | OR | ON | 2003/06/30 14:45 |
| S44 | 1947 | (156/(230,231,232,235,239)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/08 19:17 |
| S45 | 4724 | (156/(244,24,254,246,247,249,289, 334)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/08 19:18 |
| S46 | 1393 | (264/(106,107,103)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/08 19:18 |
| S47 | 1230 | (428/(65.3,694AH,694MP,694TS, 694ST)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/08 19:19 |
| S48 | 0 | (065/(17.5,208,395,404)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/09 12:48 |
| S49 | 318 | (65/(17.5,208,395,404)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/09 12:52 |
| S50 | 197 | (264/(621)).CCLS. | USPAT; USOCR | OR | OFF | 2003/12/09 12:53 |
| S51 | 0 | ("6127017,5067039,5090982, 5234717,5863679,6544369, 6027595,6524418,5626802, 3935359,6315851,6521324, 4595440,6497780").PN. | USPAT; US-PGPUB | OR | OFF | 2005/06/13 13:54 |
| S52 | 192 | "6127017", "5067039", "5090982", "5234717", "5863679", "6544369", "6027595", "6524418", "5626802", "3935359", "6315851", "6521324", "4595440", "6497780" | USPAT; US-PGPUB | OR | OFF | 2005/06/13 13:57 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---------------------------------|------------------|---------|------------------|
| S1 | 305952 | (427/\$or156/\$or428/\$or360/\$or369/\$).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/22 20:48 |
| S2 | 9 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and spin and magnetic and "sol-gel" and (stamp or stamper) | USPAT | OR | OFF | 2005/03/02 15:10 |
| S3 | 19 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and "sol-gel" and transferr\$ and stamp\$ | USPAT | OR | OFF | 2005/03/03 10:50 |
| S4 | 16 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and "sol-gel" and transferr\$ and stamp\$) not (((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "369"/\$).CCLS.) and spin and magnetic and "sol-gel" and (stamp or stamper)) | USPAT | OR | OFF | 2005/03/02 15:07 |
| S5 | 148 | (156/232).CCLS. | USPAT; USOCR | OR | OFF | 2003/06/22 21:12 |
| S6 | 3 | ((156/232).CCLS.) and "Si" | USPAT | OR | OFF | 2003/06/22 21:12 |
| S7 | 1 | "20040191575" | USPAT; US-PGPUB | OR | ON | 2005/03/03 14:43 |
| S8 | 44 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and glass and magnetic and recording and ("sol-gel" or "sol gel") and pattern\$ and (dry or dried) | USPAT | OR | OFF | 2005/03/02 15:19 |
| S9 | 2 | "6723198" | USPAT; US-PGPUB | OR | OFF | 2005/03/02 15:17 |
| S10 | 12 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and ("sol-gel" or "sol gel") and pattern\$ and stamper | USPAT | OR | OFF | 2005/03/02 15:21 |
| S11 | 31 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and ("sol-gel" or "sol gel") and pattern\$ and stamper | USPAT; US-PGPUB; EPO; JPO | OR | OFF | 2005/03/02 16:05 |
| S12 | 20 | S11 and servo | USPAT; US-PGPUB; EPO; JPO | OR | OFF | 2005/03/02 15:26 |
| S13 | 51 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and ("sol-gel" or "sol gel") and "partially dried" | USPAT; US-PGPUB; EPO; JPO | OR | OFF | 2005/03/03 10:50 |
| S14 | 78 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and ("sol-gel" or "sol gel" or solgel) and servo | USPAT; US-PGPUB; EPO; JPO | OR | OFF | 2005/03/03 11:28 |

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| S15 | 15 | S14 and ("sol-gel" or "sol gel" or solgel) with servo | USPAT; US-PGPUB; EPO; JPO | OR | ON | 2005/03/03 11:04 |
| S16 | 33 | ((("427"/\$ or "156"/\$ or "428"/\$ or "360"/\$ or "501"/\$).CCLS.) and ("sol-gel" or "sol gel" or solgel) and stamper | USPAT; US-PGPUB; EPO; JPO | OR | OFF | 2005/03/03 11:29 |
| S17 | 1707 | "501"/\$ and (solgel or "sol-gel") | USPAT; US-PGPUB | OR | ON | 2005/03/03 14:44 |
| S18 | 189 | S17 and substrate and magnetic | USPAT; US-PGPUB | OR | ON | 2005/03/03 14:45 |
| S19 | 73 | S18 and (501/12 or 501/52) | USPAT; US-PGPUB | OR | ON | 2005/03/03 14:46 |